

Title (en)
TRANSGENIC TREES HAVING REDUCED XYLAN CONTENT

Title (de)
TRANSGENE BÄUME MIT REDUZIERTEM XYLANGEHALT

Title (fr)
ARBRES TRANSGÉNIQUES PRÉSENTANT UNE TENEUR RÉDUITE EN XYLANE

Publication
EP 3060667 A1 20160831 (EN)

Application
EP 14855479 A 20141021

Priority

- SE 1351248 A 20131021
- SE 2014051238 W 20141021

Abstract (en)
[origin: WO2015060773A1] The invention relates to a method for producing a transgenic tree having reduced xylan content compared to a wild-type tree of the same species, said method comprising reducing expression of one or more genes from the glycosyltransferase 43 (GT43), family in the said transgenic tree, whereby growth properties, mechanical properties, and/or saccharification properties are improved in the said transgenic tree.

IPC 8 full level
C12N 15/82 (2006.01); **A01H 1/00** (2006.01); **A01H 5/00** (2006.01); **C12N 9/10** (2006.01)

CPC (source: EP US)
C12N 15/1137 (2013.01 - US); **C12N 15/8218** (2013.01 - EP US); **C12N 15/8246** (2013.01 - EP US); **C12N 2310/14** (2013.01 - US); **C12Y 204/01** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015060773 A1 20150430; WO 2015060773 A9 20151210; AU 2014337747 A1 20160428; BR 112016008008 A2 20171017; CA 2925097 A1 20150430; CL 2016000887 A1 20170217; CN 105658798 A 20160608; EP 3060667 A1 20160831; EP 3060667 A4 20170503; JP 2016537970 A 20161208; US 2016251671 A1 20160901

DOCDB simple family (application)
SE 2014051238 W 20141021; AU 2014337747 A 20141021; BR 112016008008 A 20141021; CA 2925097 A 20141021; CL 2016000887 A 20160414; CN 201480058008 A 20141021; EP 14855479 A 20141021; JP 2016525508 A 20141021; US 201415030686 A 20141021